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4 generating based on database metadata an object id derived from one or more values
5 from said one or more rows, wherein said one or more values reside in one or
6 more columns, wherein said database metadata specifies that said object id is
7 generated based on values in said one or more columns; and
8 presenting data from said one or more rows as an object that belongs to said object
9 class and that has said object id.

- 1 2. (Amended) The method of Claim 1, wherein the step of generating based on database
2 metadata an object id includes generating an object id based on values from one or
3 more rows of a relational table that belongs to the set of one or more tables.

- 1 5. (Amended) The method of Claim 1, wherein:
2 the method further includes the steps of:
3 receiving a request to define a view, said request specifying that said object id
4 is generated based on values in said one or more columns;
5 in response to receiving the request to define the view, storing specification
6 data that specifies the one or more columns; and
7 the step of generating based on database metadata an object id includes determining
8 how to generate the object id by inspecting said specification data.

- 1 (Amended) A method for presenting, as an object, data from a set of one or more
2 tables residing in one or more databases, the method comprising the steps of:

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3 reading a first set of data from one or more fields of a plurality rows from the set of
4 one or more tables;
5 generating a column object based on said first set of data; and
6 presenting a second set of data from said set of one or more tables as object oriented
7 data by presenting said second set of data as said object that has said column
8 object as an attribute.

16. (Amended) A computer system, comprising:
2 a processor;
3 a memory coupled to said processor;
4 a set of one or more tables, said set of one or more tables containing one or more
5 rows;
6 said processor configured to read data from one or more rows of the set of one or
7 more tables;
8 said processor configured to generate based on database metadata an object id derived
9 from one or more values from said one or more rows, wherein said one or
10 more values reside in one or more columns, wherein said database metadata
11 specifies that said object id is generated based on values in said one or more
12 columns; and
13 said processor configured to present data from said one or more rows as an object that
14 belongs to an object class and that has said object id.

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- 1 17. (Amended) The computer system of Claim 16, wherein said values from said one or
2 more rows include values from one or more rows of a relational table that belongs to
3 said set of one or more tables.

19. (Amended) A computer system, comprising:
2 a processor;
3 a memory coupled to said processor;
4 one or more databases;
5 a set of one or more tables contained in said one or more databases;
6 said processor configured to read a first set of data from
7 a plurality of rows from the set of one or more tables;
8 said processor configured to generate a column object based on said first set of
9 data; and
10 said processor configured to present a second set of data from said set of one or more
11 tables as object oriented data by presenting said second set of data as said
12 object that has said column object as an attribute.

20. (Amended) A computer-readable medium carrying one or more sequences of one or
2 more instructions for presenting data from a set of one or more tables as a set of
3 objects that belong to an object class, wherein the execution of the one or more
4 sequences of the one or more instructions causes the one or more processors to
5 perform the steps of:
6 reading data from one or more rows of the set of one or more tables;

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7 generating based on database metadata an object id derived from one or more values
8 from said one or more rows, wherein said one or more values reside in one or
9 more columns, wherein said database metadata specifies that said object id is
10 generated based on values in said one or more columns; and
11 presenting data from said one or more rows as an object that belongs to said object
12 class and that has said object id.

1 21. (Amended) The computer readable medium of Claim 20, wherein the step of
2 generating based on database metadata an object id includes generating an object id
3 based on values from one or more rows of a relational table that belongs to the set of
4 one or more tables.

5 24. (Amended) A computer-readable medium carrying one or more sequences of one or
6 more instructions for presenting, as an object, data from a set of one or more tables
7 residing in one or more databases, wherein the execution of the one or more
8 sequences of the one or more instructions causes the one or more processors to
9 perform the steps of:
10 reading a first set of data from one or more fields of a plurality rows from the set of
11 one or more tables;
generating a column object based on said first set of data; and
presenting a second set of data from said set of one or more tables as object oriented
data by presenting said second set of data as said object that has said column
object as an attribute.

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1 35. (Amended) The computer-readable medium of Claim 20, wherein the steps further
2 comprise the step of accessing the object based on the reference generated for the
3 object.

1 36. (New) The computer-readable medium of Claim 20, the steps further
2 comprising generating a reference to the object based on the object id.

1 37. (New) The computer-readable medium of Claim 36, further comprising the step of
2 accessing the object based on the reference generated for the object.
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